Lappeenrannan teknillinen yliopisto

Software Development Skills Front-End, Online course

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LEARNING DIARY, CT70A9110 Software Development Skills: Front-End - Online teaching 1.8.2022-30.7.2023

**LEARNING DIARY**

**Introduction to workflow and sass [Part 1]**

17.06.2023

Installed VS code

Installed node SASS

Installed git verion control

Installed different extensions like (i.e Pretier, liveServer)

Installed package.json. a node-sass (npm install node-sass)

Created .gitignorefile (It save the information which should not supposed to push to repo in GitHub)

I faced the problem installing (npn init package). Error was showing that “command not found”. The reason was I did not install the node.js software. Another issue I face to render the scss file to css file. I could not understand how did he compiled the sass file into css. So

I looked on the internet for the solution and download live-sass-compiler extension. Which solved my issue. Created git repository successfully

**Homepage and Core Sass/CSS**  **[Part 2]**

18.06.2023

Learn to use external icons by using liberies like (fontawesome.com)

I learned about html and css syntax and specially the nesting concept (How to access class inside other function.)

I faced the problem when apply the background image to body. Background image was not appearing , it was white. I found that I gave the wrong path for the image. I learned about how to define a function in the scss, @mixin and how to use them.

**Responsive Portfolio Website [3] - Rotating Menu Button+ Menu Overlay & Responsiveness**

24-06-2023

Learned about dom manipulation using JavaScript. I learned how to apply transform css property. In this lecture I implemented the hamburger button, when press the branding page appears. Problem: The problem I face is that when I apply “visibility: hidden” property to the .menu class then it was not working. The menu was still appearing. I then wrote the code in the main.scss , it was working. Another problem I faced was that when I applied “transform: translate3d(0, 100%, 0);” property, the menu button stopped working. I figured it out that while applying this property to menu-nav, I should also apply property transform: translate3d(0, 0, 0); to .show class. That’s how I solve the problem.

I learnt to use and apply media queries. The media queries make the website responsive.

**Responsive Portfolio Website [5] - About Page with CSS Grid**

**24.06.2023**

In this lecture, I grasped the concept of grid system in CSS and used this concept in making the page about.html page. This part was not so difficult.

**Responsive Portfolio Website [6] - Work & Contact Pages**

**25.06.2023**

In this lecture, I finished the contact.html page. I used flex box to create the contact info data. In this course I learned new technology like SASS. In the past I worked only on css.

**Responsive Portfolio Website [7] - Website Deployment**

**23.07.2023**

Installed npm i gh-pages

Create the hompage script in package.json

*"homepage"*: "http://adhanif.github.io/My\_Portfolio",

Created the deploy script:

*"deploy"*: "gh-pages -d dist"

After this npm run deploy:

http://adhanif.github.io/My\_Portfolio

website: <https://adhanif.github.io/My_Portfolio/>

github Link: <https://github.com/adhanif/My_Portfolio>

**React APP with Tailwind:**

**(13-07-2023 to 23-07-2023)**

After completing all the tasks of the project, I understood basic concepts of html, CSS, and sass. But I want to do more than just CSS and html. So, I decided to create a one page React APP. And I used Tailwind as CSS library for this project. The purpose of this small project was to practice skills in React and Tailwind. In React, routing is very easy and without creating any new page. For routing, I installed react-router-dom. I just needed to create new components and then I imported each component into App.jsx file. I tried to make website responsive and deployed it on to netlify.

Github: <https://github.com/adhanif/React_Tailwind_Portfolio_APP>

Netlify Link: <https://react-tailwaind-portfolio-app.netlify.app/>